

Client's ref.: TSMC2003-1000

File: 0503-A30091US/final/alicewu/

ABSTRACT OF THE DISCLOSURE

A system for manufacturing scheduling for a fabrication system. The fabrication contains a plurality of tool groups, and each of which has at least one tool. The system contains
5 an input/output device, a processor, and a storage device. The processor calculates the tool group count of each tool, and assigns a preference index to each tool accordingly, then derives a preference-based manufacturing schedule.